

## ABSTRACT OF THE DISCLOSURE

In order to prevent stator windings and power amplification semiconductor devices from being damaged by heat when a rotor is locked, a current feed term setting circuit that maintains an output signal circuit of a logical circuit in "OFF" state to completely cut off currents to the stator windings, when the number of repetitions of "ON" and "OFF" states of the output signal circuit reaches a predetermined value, is added to a driving IC of a control circuit for a brushless DC motor equipped with a protective circuit.